

SLV-N500/N700

RMT-V402/V402B

SERVICE MANUAL

US Model

Canadian Model

VHS

Hi-Fi

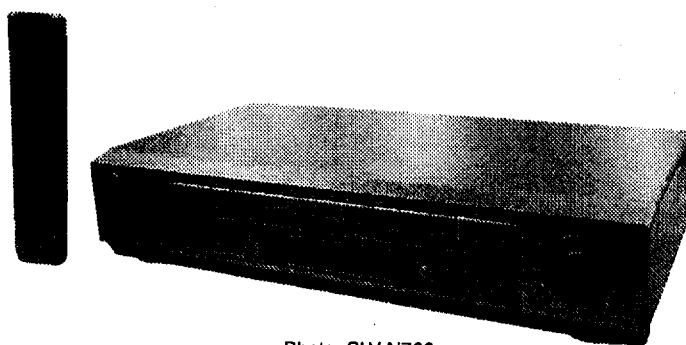


Photo: SLV-N700
RMT-V402B

SPECIFICATIONS

System

Format

VHS NTSC standard

Video recording system

Rotary head helical scanning FM system

Video heads

Double azimuth four heads

Video signal

NTSC color, EIA standards

Tape speed

SP: 33.35 mm/s (1 $\frac{3}{8}$ inches/s)

EP: 11.12 mm/s ($\frac{1}{8}$ inches/s)

LP: 16.67 mm/s ($\frac{1}{4}$ inches/s),
playback only

Maximum recording/playback time

8 hrs. in EP mode (with T-160 tape)

Rewind time

Approx. 1 min (with T-120 tape)

Tuner section

Channel coverage

VHF 2 to 13

UHF 14 to 69

CATV A-8 to A-1, A to W, W+1 to W+84

Antenna

75-ohm antenna terminal for VHF/UHF

Inputs and outputs

LINE IN 1 and LINE-2 IN

VIDEO IN, phono jack (1 each)

Input signal: 1 Vp-p, 75 ohms, unbalanced, sync
negative

AUDIO IN, phono jacks (2 each)

Input level: 327 mVrms

Input impedance: more than 47 kilohms

LINE OUT

VIDEO OUT, phono jack (1)

Output signal: 1 Vp-p, 75 ohms, unbalanced, sync
negative

AUDIO OUT, phono jacks (2)

Standard output: 327 mVrms

Load impedance: 47 kilohms

Output impedance: less than 10 kilohms

Timer section

Clock

Quartz locked

Timer indication

12-hour cycle

Timer setting

8 programs (max.)

General

Power requirements

120 V AC, 60 Hz

Power consumption

16 W

Operating temperature

0°C to 45°C (32°F to 113°F)

Storage temperature

-20°C to 60°C (-4°F to 140°F)

Dimensions including projecting parts and controls (w/h/d)

SLV-N700

Approx. 430 × 96 × 251 mm

(Approx. 17 × 3 $\frac{7}{8}$ × 10 inches)

SLV-N500

Approx. 360 × 95 × 250 mm

(Approx. 14 $\frac{1}{4}$ × 3 $\frac{3}{4}$ × 9 $\frac{7}{8}$ inches)

Mass

SLV-N700

Approx. 2.8 kg (Approx. 6 lb 3 oz)

SLV-N500

Approx. 2.6 kg (Approx. 5 lb 12 oz)

Supplied accessories

Remote commander (1)

Size AA (R6) batteries (2)

75-ohm coaxial cable with F-type connectors (1)

Design and specifications are subject to change without
notice.

VIDEO CASSETTE RECORDER

SONY®

SLV-N500/N700

SLV-N500

Part No.	Description	
1-477-280-11	COMMANDER, STANDARD(RMT-V402)	(US, Canadian)
3-075-089-01	COVER(B) REMOTE CONTROL BATTERY	(US, Canadian)
3-081-017-11	MANUAL, INSTRUCTION	(US, Canadian)
3-081-017-21	MANUAL, INSTRUCTION	(Canadian)

SLV-N700

Part No.	Description	
1-477-282-11	COMMANDER, STANDARD(RMT-V402B)	(US, Canadian)
3-075-088-01	COVER(S) REMOTE CONTROL BATTERY	(US, Canadian)
3-081-017-11	MANUAL, INSTRUCTION	(US, Canadian)
3-081-017-21	MANUAL, INSTRUCTION	(Canadian)